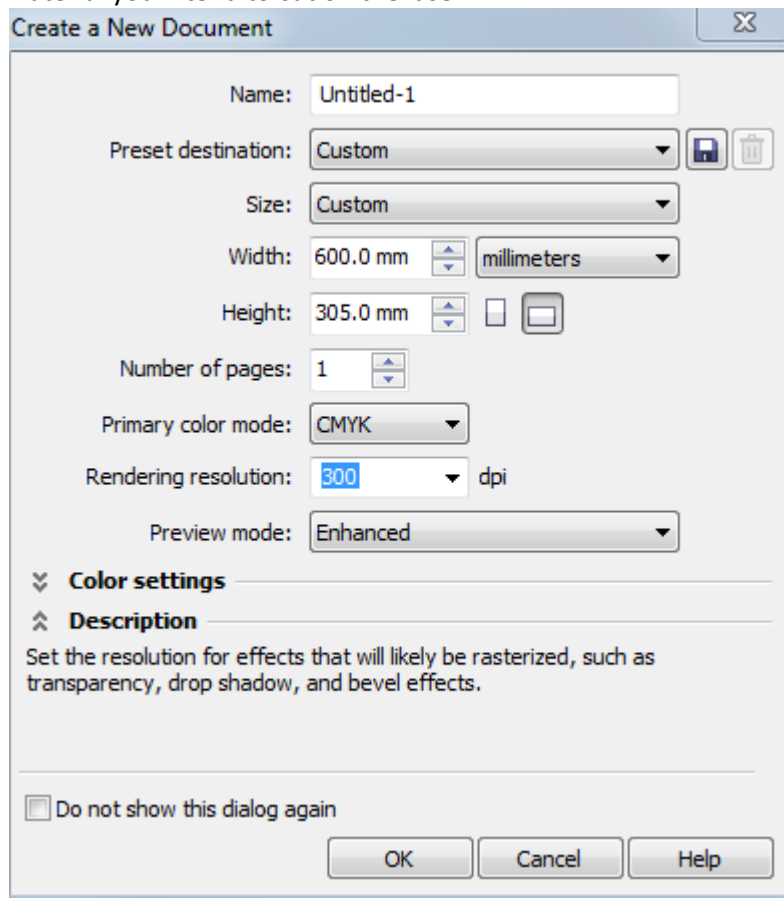# Importing dxfs into coreldraw

First open up coreldraw where you'll have to chose the size of the document. Input the size of the material you intend to cut on the laser

Create a New Document

Name:	Untitled-1
Preset destination:	Custom
Size:	Custom
Width:	600.0 mm millimeters
Height:	305.0 mm
Number of pages:	1
Primary color mode:	CMYK
Rendering resolution:	300 dpi
Preview mode:	Enhanced

» Color settings

« Description

Set the resolution for effects that will likely be rasterized, such as transparency, drop shadow, and bevel effects.

☐ Do not show this dialog again
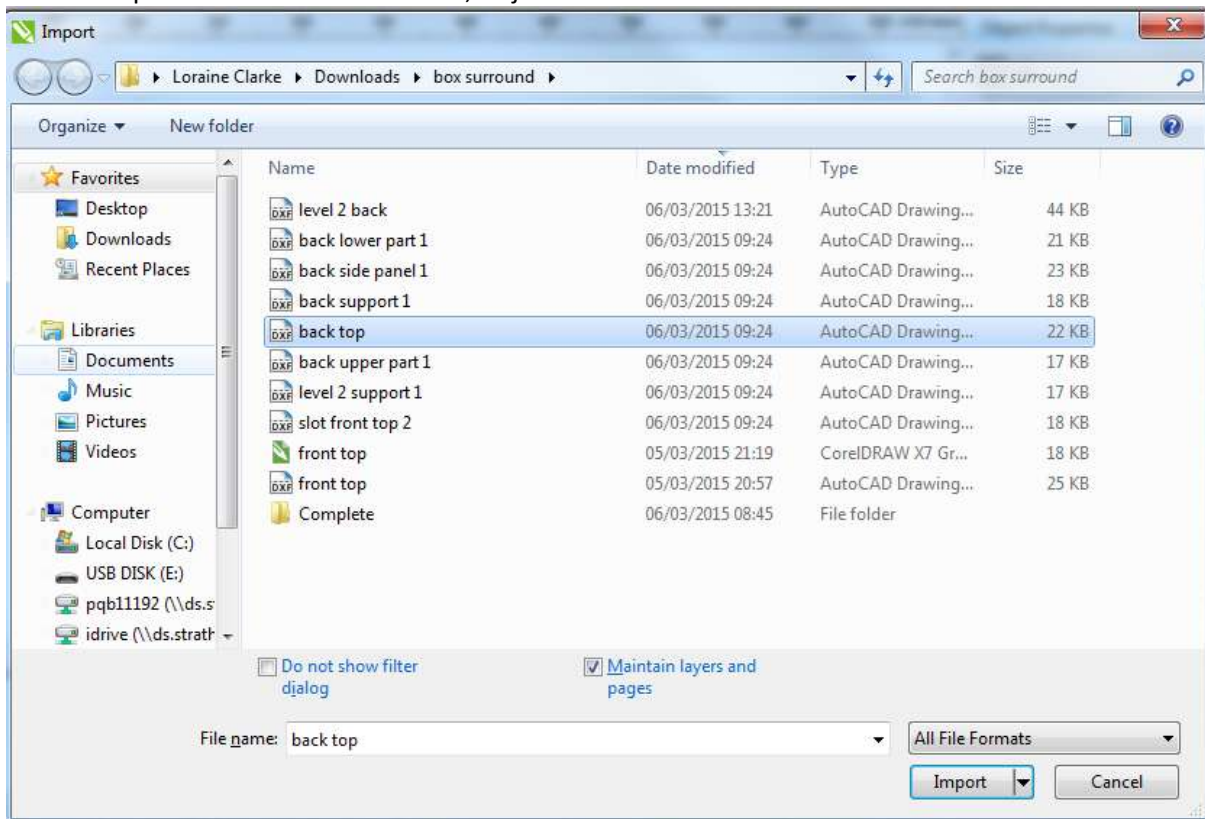
[OK]   [Cancel]   [Help]

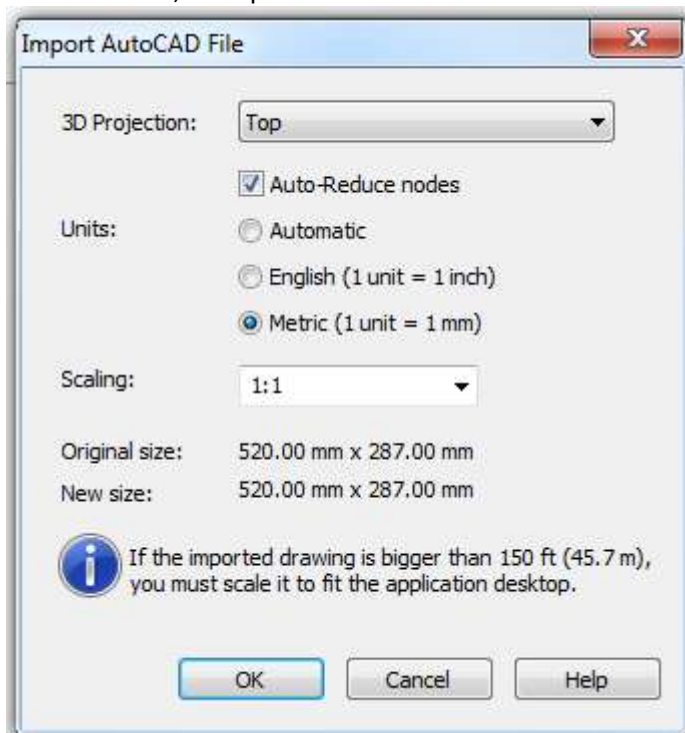Then import the dxf files from solidworks by pressing cntl + I
This will open the import menu
Then navigate to where you have the dxfs files and select what you want to import.
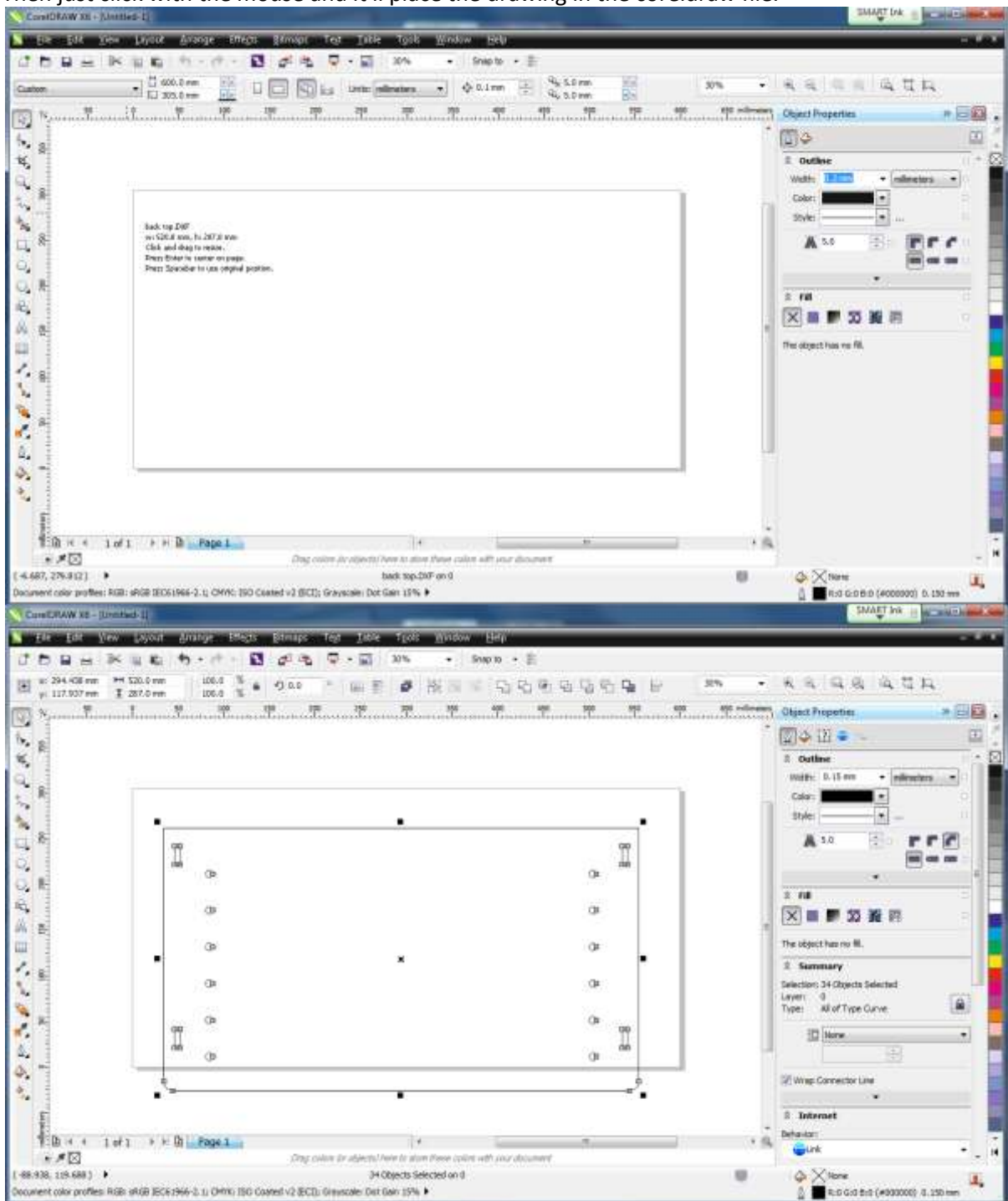You can import several at the one time, or just one.

Next a window will pop up asking you to select import options.
Make sure the Units are selected Metric (1 unit - 1mm) to import the pieces with the same scale you made them in solidworks.
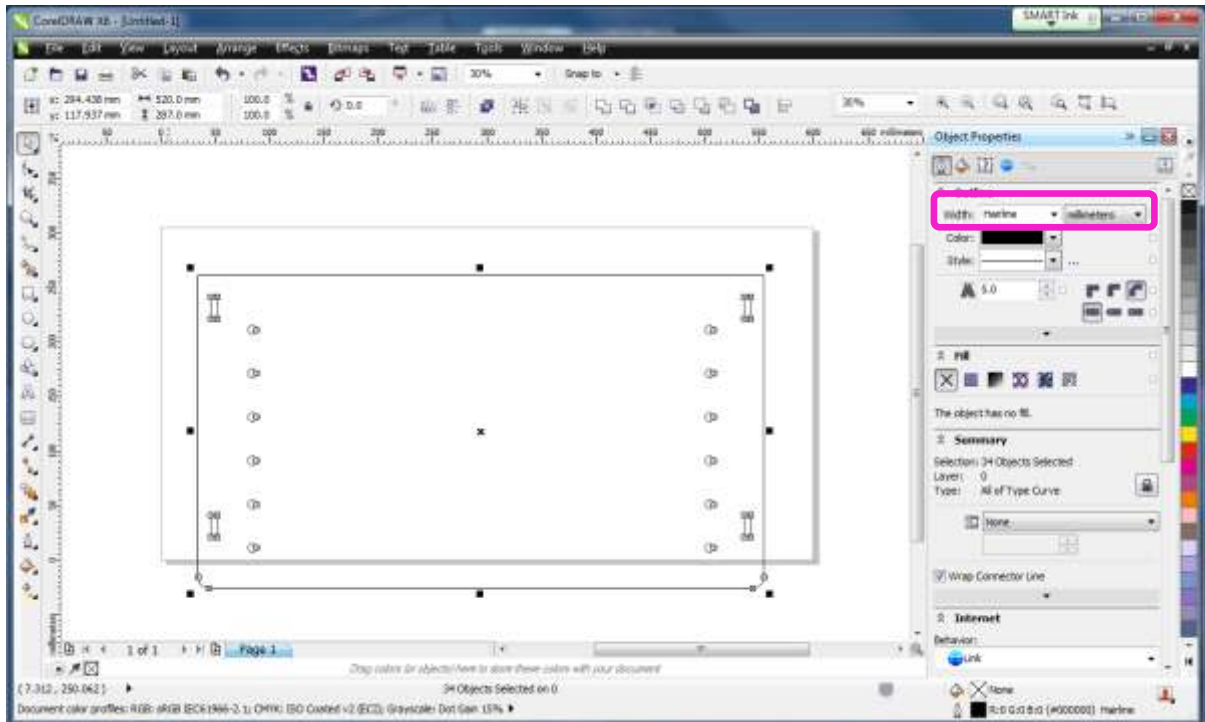Then select ok, to import.

Move the mouse cursor to where you want the drawing to be placed on the piece of material to cut. Then just click with the mouse and it'll place the drawing in the coreldraw file.

This will have import the drawing as individual lines. I like to groups these lines together and then make then hairline so the laser cuts there. You need the lines to be hairline in the drawing otherwise the laser will etch them rather than cut through the material.

First select all the lines by dragging the mouse over all of them or pressing ctrl +A
Then press Cntl + G or right click on the selected lines and choose group. This groups all the lines together as one. You can also ungroup them by using the same command.
Finally in the object properties menu select the 'width' of the lines to be hairline.

Make sure the drawing is moved on the area of the material. (unlike what is shown in the above image)